

CLAIMS

I claim:

- 1 1. A floating box to protect dock workers, comprising:
2 a watertight cube having a front wall, back wall, two
3 opposing sidewalls extending between the front and back walls,
4 top wall and a bottom wall;
5 an inner pipe extending between the front and back walls;
6 an outer pipe concentrically disposed around the inner pipe
7 extending between the front and back walls;
8 a first plurality of bracing plates extending radially
9 outward between the inner pipe and the outer pipe;
10 a second plurality of bracing plates extending radially
11 outward between the outer pipe and the walls of the cube.
- 1 2. The floating aluminum box according to claim 1, further
2 comprising a handle attached to the top wall of the cube.
- 1 3. The floating aluminum box according to claim 1, further
2 comprising two eye brackets attached to the two sidewalls and
3 extending above the top wall of the cube.

1 4. The floating aluminum box according to claim 1, wherein
2 each of the walls of the cube has a length of about eighteen
3 inches.

1 5. The floating aluminum box according to claim 1, wherein
2 the cube is constructed of 1/4" thick aluminum plate.

1 6. The floating aluminum box according to claim 1, wherein
2 the inner pipe has a diameter of about four inches.

1 7. The floating aluminum box according to claim 1, wherein
2 the outer pipe has a diameter of about ten inches.

1 8. The floating aluminum box according to claim 1, wherein
2 the bracing plates are 1/4" thick aluminum plate

1 9. The floating aluminum box according to claim 1, wherein
2 the front wall of the cube has a recess defined therein
3 concentric with the inner concentric pipe in order to form a
4 handhold.

1 10. The floating aluminum box according to claim 9,
2 further comprising a bar spanning the recess adapted for use as
3 a handle.

1 11. A method of protecting dockworkers that have fallen
2 between two barges using the floating aluminum box of claim 1,
3 comprising the step of placing the box in water between the two
4 barges.